FIG. 1 (PRIOR ART)

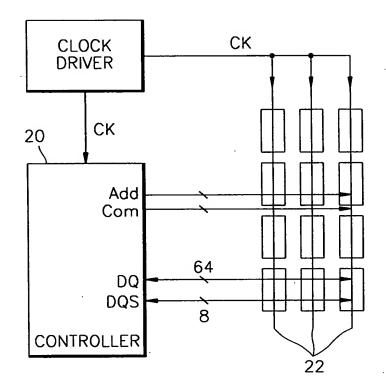
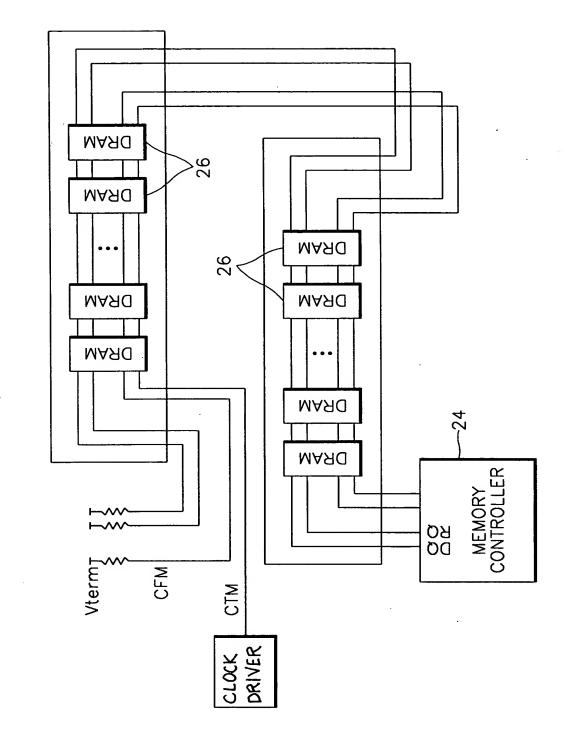


FIG. 2 (PRIOR ART)



48 DRAM 52 DRÁM M MCLK 46B DQu TERMINATION RESISTORS C//A/buffer .54B 46A -53 C//A/buffer 54A &CFK^{_}MS &CFK^{_}M1 MCFK C\∀ DRAM **MCLK** / DRAM DØ4 DRAM **MCLK** 52/ DRAM DQ3**MCLK** DRAM DØS DRAM MCLK DOI 윙

20

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FIG. 3

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20 20 20 48 C/A buffer 46B ′C∕A buffer 46A **TERMINATION RESISTORS** MCLK C/A FIG. 4 DRÁM MCLK DRÁM ₽Ø₫ DRÁM MCLK 52/ DRÁM DØ3 DRÁM MCLK 52 DØS **K**52 DRAM MCLK **−**53 DOJ BCFK⁻MS BCFK⁻M1 MFCK 54B 60B --42B-9 54A \

20 20 20 DRÁM M MCLK TERMINATION RESISTORS DQu DRÁM **∀/**⊃ DRÁM MCLK FIG. 5 DRÁM DØ∢ DRAM MCLK 52/ DRAM DØ3 52 DRÁM MCLK 52 DRAM DØS DRAM MCLK -53 DQ1 BCLK_M2 FRCLK_M1 WLCK 윙 62B~42B-

20 20 50 48 -68B -54B --53 68A 54A TERMINATION RESISTORS RFLAG_M1 RFLAG_M2 DELLAG RCLK_M2 RCLK_M1 FIG. 6 WCLK C/A DRÁM DRÁM MCLK DRAM DØ¢ DRÁM MCLK 52/ DRAM DQ3 52 DRÁM **MCLK** 52 DRÁMI DØS DRAM MCLK DOJ 9 44A~

-46 DOUBLE SIDED MODULE Skith 40 A 10A C/A BUFFER 72A 72B 70A 70B 42 FIG. 7 SINGLE SIDED MODULE JY 134 40 4134 413M C/A BUFFER 70B 70A 46-

-46 DOUBLE SIDED MODULE 36149 AO 419A 42 FIG. 8 SINGLE SIDED MODULE ALIA AO ALDA C/A BUFFER
74A 74B
\(\frac{1}{4} \)
\(\frac{1}{4} \)
\(\frac{1}{4} \)
\(\frac{1}{4} \)
\(\frac{1}{4} \)
\(\frac{1}{4} \) 46-

ACLA GENERATOR 9/ RCLK, 1 MAYO 1 20 46B BONTA A RCLK, - Mayo FIG. 9 OPAN 1 52 46A 42B\ 4 45 52 - ORM -

